

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that this paper is being facsimile transmitted to the Commissioner for  
Patents; Box: PCT at (703) 305-3230 on 21.09.2005 by

DEBORAH V. ZETZLER  
Deborah Zetzer

**RECEIVED  
CENTRAL FAX CENTER**

SEP 21 2005

Attorney Docket No.: P51339

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Boehm, et al.  
Serial No.: 10/511,770  
Filed: 18 April 2003  
For: NOVEL COMPOUNDS

Commissioner for Patents  
Mail Stop: PCT  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RECEIVED**

2 DEC 2005

Legal Staff  
International Division**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

Sir:

This facsimile is in response to the "Notification of Missing Requirements under 35 U.S.C. 371" mailed on June 23, 2005, which indicates that the Oath or Declaration of the inventors for the subject patent application does not identify the application to which it is directed. A copy of the above notice is attached.

The fully executed Oath or Declaration for the subject application was submitted as part of the international application under Rule 4.17(iv) and is therefore identified by the internal application number and filing date. A copy of the cover sheet of the published application is also attached.

Respectfully submitted,



Dara L. Dinner  
Agent for Applicants  
Registration No. 33,680

GLAXOSMITHKLINE  
Corporate Intellectual Property - UW2220  
P.O. Box 1539  
King of Prussia, PA 19406-0939  
Phone (610) 270-5017 Fax (610) 270-5090

02/14/2006 CSHOOT 00000002 192570 10511770  
Sale Ref: 00000002 DAI: 192570 10511770  
01 FC:1617 130.00 DA



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/511,770	FIRST NAMED APPLICANT Jeffrey C Boehm	ATTY. DOCKET NO. PS1339
INTERNATIONAL APPLICATION NO. PCT/US03/12127		
LA. FILING DATE 04/18/2003	PRIORITY DATE 04/19/2002	

Dara L Dinner  
GLAXOSMITHKLINE  
Corporate Intellectual Property - UW2220  
Post Office Box 1539  
King of Prussia, PA 19406-0939

CONFIRMATION NO. 6639  
371 FORMALITIES LETTER  
\*OC000000016348501\*

Date Mailed: 06/23/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 10/19/2004
- Copy of the International Search Report filed on 10/19/2004
- Copy of IPE Report filed on 10/19/2004
- Preliminary Amendments filed on 10/19/2004
- Information Disclosure Statements filed on 10/19/2004
- Oath or Declaration filed on 10/19/2004
- Request for Immediate Examination filed on 10/19/2004
- U.S. Basic National Fees filed on 10/19/2004
- Priority Documents filed on 10/19/2004

2005 JUN 21 P 12:03

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - does not identify the application to which it is directed.
- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau(43) International Publication Date  
30 October 2003 (30.10.2003)

PCT

(10) International Publication Number  
WO 03/088972 A1(51) International Patent Classification: A61K 31/519,  
A01N 43/90, C07D 487/00HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA,  
MG, MK, MN, MX, NO, NZ, OM, PH, PL, RO, SC, SG,  
TN, TT, UA, US, UZ, VN, YU, ZA.

(21) International Application Number: PCT/US03/12127

(22) International Filing Date: 18 April 2003 (18.04.2003)

(25) Filing Language: English

(26) Publication Language: English

(84) Designated States (regional): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,  
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,  
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).(30) Priority Data:  
60/374,219 19 April 2002 (19.04.2002) US  
60/388,557 13 June 2002 (13.06.2002) US

## Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a  
patent (Rule 4.17(ii)) for all designations— as to the applicant's entitlement to claim the priority of the  
earlier application (Rule 4.17(iii)) for the following design-  
ations AE, AG, AL, AU, BA, BB, BR, BZ, CA, CN, CO, CR,  
CU, DM, DZ, EC, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP,  
KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, NO, NZ,  
OM, PH, PL, RO, SC, SG, TN, TT, UA, UZ, VN, YU, ZA,  
ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ,  
UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD,  
RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ,  
DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL,  
PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI,  
CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)  
— of inventorship (Rule 4.17(iv)) for US only(71) Applicant (for all designated States except US):  
SMITHKLINE BEECHAM CORPORATION  
[US/US]; One Franklin Plaza, Philadelphia, PA 19103  
(US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BOEHM, Jeffrey,  
C. [US/US]; 709 Swedeland Road, King of Prussia, PA  
19403 (US). WIDDOWSON, Katherine, L. [CA/US];  
709 Swedeland Road, King of Prussia, PA 19406 (US).  
CALLAHAN, James, F. [US/US]; 709 Swedeland Road,  
King of Prussia, PA 19406 (US). WAN, Zehong [CN/US];  
709 Swedeland Road, King of Prussia, PA 19406 (US).

## Published:

— with international search report

— before the expiration of the time limit for amending the  
claims and to be republished in the event of receipt of  
amendments(74) Agents: DINNEN, Dara, L. et al.; SmithKline Beecham  
Corporation, Corporate Intellectual Property, UW2220,  
709 Swedeland Road, P.O. Box 1539, King of Prussia, PA  
19406-0939 (US).(81) Designated States (national): AE, AG, AL, AU, BA, BB,  
BR, BZ, CA, CN, CO, CR, CU, DM, DZ, EC, GD, GE, HR,For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: NOVEL COMPOUNDS

(57) Abstract: Novel substituted 2, 4, 8-trisubstituted-8H-pyrido[2,3-d]pyrimidin-7-one compounds and compositions for use in  
therapy as CSBP/p38 kinase inhibitors.

WO 03/088972 A1